A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D207/46 C07B61/00

A61K47/48

A61K31/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7D CO7B A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC, BEILSTEIN Data, CHEM ABS Data

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 881 171 A (HANKINS ELINOR M) 7 April 1959 (1959-04-07) column 1, line 15 - line 32; claims; examples	1-5
X	US 3 173 900 A (HANKINS ELINOR M) 16 March 1965 (1965-03-16) column 1, line 10 - line 42; claims; examples	1-5

X Further documents are listed in the continuation of box C.	χ Patent tamlly members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 13 December 2004	Date of mailing of the international search report 28/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31 – 70) 340–2040, Tx. 31 651 epo nl, Fax: (+31 – 70) 340–3016	Authorized officer Seelmann, M

Form PCT/ISA/210 (second sheet) (January 2004)

Intentional Application No PCT/EP2004/006315

		PCT/EP2004/006315
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	SHAPIRO S L ET AL: "ALPHA-HYDROXY AMIDES AND RELATED COMPOUNDS" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, vol. 81, 5 December 1959 (1959-12-05), pages 6322-6329, XP002045875 ISSN: 0002-7863 page 6322; table I	1,2,5
X	WO 99/55725 A (DOHERTY ANNETTE MARIAN; KALTENBRONN JAMES STANLEY (US); LEONARD DANIE) 4 November 1999 (1999-11-04) Schema 1, Seite 20 example 8	1,2,5, 13,14
X,P	WO 03/076490 A (BEIJING JIANKAI TECHNOLOGY CO; JI SHISHAN (CN); ZHU DEQUAN (CN)) 18 September 2003 (2003-09-18) Verbindungen (11) and (8), Abbildungen 6 und 7 mit auf Seite 3 Ri = H	1-5,13, 14
X	US 2002/107224 A1 (YANAGIYA MASAHIRO ET AL) 8 August 2002 (2002-08-08) insbesondere Seite 39, Verbindung 12; Tabellen 30-31, 34; Beispiele 22, 31-38; Seiten 61-62; Ansprüche the whole document	1-5,9-18
X	WO 01/38561 A (QUESTCOR PHARMACEUTICALS INC) 31 May 2001 (2001-05-31) insbesondere Verbindungen 8 und 14 the whole document	1-18
X	WO 01/12154 A (CATTERALL CATHERINE FIONA; CELLTECH CHIROSCIENCE LTD (GB); EATON MICH) 22 February 2001 (2001-02-22) insbesondere Verbindungen auf Seiten 32 und 41 the whole document	1-18
X	DE 197 20 165 A (MORPHOCHEM GMBH) 28 January 1999 (1999-01-28) page 1, line 1 - line 5 page 7, line 19 - page 9, line 7 page 11, line 25 - line 40; claims; examples 1,3,6,9,11	1-5,7-18 1-5,7-18
X	US 6 355 726 B1 (DOEMLING ALEXANDER ET AL) 12 March 2002 (2002-03-12) column 1, line 1 - line 25 column 1, line 55 - column 2, line 27 column 11, line 51 - column 12, line 35 column 13, line 50 - column 14, line 44; claims; examples 1,3,6,9,11	1-5,7-18
	-/	

In tional Application No	
PCT/EP2004/006315	

		PCT/EP2004/006315				
C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.				
A	EP 1 104 677 A (AVENTIS RES & TECH GMBH & CO) 6 June 2001 (2001-06-06) cited in the application the whole document	9-15,18				
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002310098 Database accession no. 1782002 abstract & BERGMANN ET AL.: CHEM.BER., vol. 62, 1929, page 1911,					
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002310099 Database accession no. 1520322 abstract & MIROSHNIKOV ET AL.: JGEN.CHEM.USSR, vol. 40, no. 1, 1970, pages 202-213,					
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002310100 Database accession no. 1717997 abstract & BATTERSBY ET AL.: J.CHEM.SOC., 1955, pages 259-263,	1				
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002310101 Database accession no. 6726947 abstract & IYER VENKATARAMAN ET AL.: J.INDIAN CHEM.SOC., vol. 59, no. 7, 1982, pages 856-859,	1				
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002310102 Database accession no. 2438778 abstract & SU 2 039 357 A (MIZRAKH) 1976	1				
X	DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002310103 Database accession no. 1714068 abstract	1				
	-/					

int clonal Application No PCT/EP2004/006315

		PCT/EP2004/006315				
(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
ategory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
х	& STEFICA VALENTEKOVIC ET AL.: CARBOHYDR.RES., vol. 82, 1980, pages 31-44, V. MADISON ET AL.: "Binding affinities and geometries of various metal ligands in peptide deformylase inhibitors" BIOPHYSICAL CHEMISTRY, vol. 101-102, 2002, pages 239-247,	6				
X	XP002310095 figure 1.A F. TURPIN ET AL.: "Synthesis of two novel	6				
•	oxocyclam-binding technetium complexes containing an analogue of cocaine" JOURNAL OF LABELLED COMPOUNDS AND RADIOPHARMACEUTICALS, vol. 45, 2002, pages 379-393, XP002310096 Verbindung 4 auf Seite 382					
X	A. DÖMLIG UND I. UGI: "multikomponentenreaktionen mit isocyaniden" ANGEW. CHEM., vol. 112, 2000, pages 3300-3344, XP002310097 cited in the application Verbindung 112 page 3337 - page 3339	1				
А	page 3309 page 3312 - page 3333	7,16,17				
·						

Information on patent family members

Internal Application No
PCT/EP2004/006315

			т			7 67 2004 / 000315
	atent document d in search report		Publication date		Patent family member(s)	Publication date
บร	2881171	Α	07-04-1959	NONE		
US	3173900	Α	16-03-1965	BE	622170 A	
	01,000			FR	1337969 A	20-09-1963
				GB	1012798 A	08-12-1965
			•	NL	282928 A	
	9955725	Α	04-11-1999	AT	259826 T	15-03-2004
	3300, 20	••	V. 22 2000	ΑÜ	759492 B2	
				ΑU	3358799 A	16-11-1999
				BR	9909961 A	26-12-2000
				CA	2322944 A1	
				DE	69914893 DI	
				DE	69914893 T2	
				DK	1076663 T3	
				EP	1076663 A1	
				ĒS	2214021 T3	
				ĴΡ	2002513031 T	08-05-2002
				NZ	507165 A	30-06-2003
				PT	1076663 T	30-06-2004
				MO	9955725 AI	
				US	6369034 B1	
				ZA	200006035 A	28-01-2002
	03076490		 18-09-2003	WO	03076490 A1	18-09-2003
US	2002107224	A1	08-08-2002	CA	2354928 A	
				CN	1341595 A	27-03-2002
				DE	10138935 A	
				FR	2812814 A	
				GB	2368580 A	
				GB	2401107 A	03-11-2004
				IT	MI20011777 AT	
				JP	2002275091 A	25-09-2002
WO	0138561	Α	31-05-2001	ΑU	1929301 A	04-06-2001
				WO	0138561 A	1 31-05-2001
WO	0112154	Α	22-02-2001	ΑU	6461400 A	13-03-2001
				CA	2379431 A:	
				EP	1204428 A2	
				WO	0112154 A2	
				JP	2003506475 T	18-02-2003
DE	19720165	Α	28-01-1999	DE	19720165 A	
				AU	750974 B2	
				AU	8017598 A	08-12-1998
				CA	2290614 A	
				DE	59810914 D	
				DK	983290 T3	
	,			WO	9851697 A2	
				EP	0983290 A:	
				HU	0002730 A2	
				JP	2002500643 T	08-01-2002
				NO	995551 A	12-01-2000
				US	6355726 B:	12-03-2002
		B1	12-03-2002	DE	19720165 A:	l 28-01-1999

Information on patent family members

Internal Application No PCT/EP2004/006315

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6355726	B1		DE	19720216 A1	19-11-1998
			AU	750974 B2	01-08-2002
			AU	8017598 A	08-12-1998
			CA	2290614 A1	19-11-1998
			DE	59810914 D1	08-04-2004
			DK	983290 T3	14-06-2004
			WO	9851697 A2	19-11-1998
			ΕP	0983290 A1	08-03-2000
			HU	0002730 A2	28-12-2000
			JP	2002500643 T	08-01-2002
			NO	995551 A	12-01-2000
EP 1104677	Α	06-06-2001	DE	19957916 A1	07-06-2001
21 220 1077	••		CA	2327140 A1	01-06-2001
			EP	1104677 A2	06-06-2001
			JP	2001213899 A	07-08-2001
SU 2039357	A		NONE		